ATTORNEY'S DOCKET NO.   PATENT APPLICATION
063170.6292   10/648,580

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In the Claims

   For the convenience of the Examiner, all pending claims are set forth below, whether or not an amendment is made. Please amend the claims as follows:

   1. (Currently Amended) A method of generating keys for object(s) in a Web Services arrangement, comprising:

   storing at least one object based on at least one of a plurality of Universal Description, Discovery and Integration (UDDI) objects as an entry in a directory, the directory comprising a hierarchical organization of a plurality of entries, each of the plurality of entries having a plurality of attributes;

   determining if the at least one object ~~based on at least one of a plurality of Universal Description, Discovery and Integration (UDDI) objects~~ has a defined first key;

   if the at least one object has a defined first key, providing that defined first key for the at least one object as a naming attribute for the entry corresponding to the at least one object in the directory, the defined first key uniquely identifying the entry in the directory; and

   if the at least one object does not have a defined first key, providing a second key for the at least one object as the naming attribute for the entry corresponding to the at least one object in the directory, the second key uniquely identifying the entry in the directory.

   2. (Previously Presented) The method as recited in claim 1, wherein a UUID (Universally Unique Identified) algorithm is used to provide the second key for the at least one object.

   3. (Original) The method as recited in claim 1, wherein each key is unique.

   4. (Original) The method as recited in claim 1, wherein the second key provided is monotonically increasing.

   5. (Previously Presented) The method as recited in claim 1, wherein each object of the plurality of UDDI objects has at least one of a defined key and a second key.

6.   (Currently Amended) A computer recording medium including computer executable code for generating keys for object(s) in a Web Services arrangement, comprising:

code for storing at least one object based on at least one of a plurality of Universal Description, Discovery and Integration (UDDI) objects as an entry in a directory, the directory comprising a hierarchical organization of a plurality of entries, each of the plurality of entries having a plurality of attributes;

code for determining if the at least one object ~~based on at least one of a plurality of Universal Description, Discovery and Integration (UDDI) objects~~ has a defined first key;

code for, if the at least one object has a defined first key, providing that defined first key for the object as a naming attribute for the entry corresponding to the at least one object in the directory, the defined first key uniquely identifying the entry in the directory; and

code for, if the at least one object does not have a defined first key, providing a second key for the object as the naming attribute for the entry corresponding to the at least one object in the directory, the second key uniquely identifying the entry in the directory.

7.   (Previously Presented) The computer recording medium as recited in claim 6, wherein a UUID (Universally Unique Identified) algorithm is used to provide the second key for the at least one object.

8.   (Original) The computer recording medium as recited in claim 6, wherein each key is unique.

9.   (Original) The computer recording medium as recited in claim 6, wherein the second key provided is monotonically increasing.

10.   (Previously Presented) The computer recording medium as recited in claim 6, wherein each object of the plurality of UDDI objects has at least one of a defined key and a second key.

11.   (Previously Presented) The method as recited in claim 1, wherein the plurality of UDDI objects comprises a Business Entity object, a Business Service Object, a Binding Template Object, a Publisher Assertion Object, and a TModel object.

12.   (Previously Presented) The computer recording medium as recited in claim 6, wherein the plurality of UDDI objects comprises a Business Entity object, a Business Service Object, a Binding Template Object, a Publisher Assertion Object, and a TModel object.